

REMARKS

Applicant respectfully requests further examination and reconsideration in view of the above amendments and the arguments set forth fully below. In the Office Action mailed February 7, 2007, claims 1-72 have been rejected. In response, the applicant has submitted the following remarks and amended claims 1, 16, 30, 45 and 60. Accordingly, claims 1-72 are still pending. Favorable reconsideration is respectfully requested in view of the amended claims and the remarks below.

Rejections Under 35 U.S.C. §112

Claims 1-72 have been rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the written description requirement. Specifically, it is stated within the Office Action that claims 1, 16, 30, 45 and 60, include subject matter which was not described in the original specification, namely, “wherein the reference signal provides a feed into a negative input of an ECG difference amplifier” in combination with the other elements in the claims. Specifically, it is stated that the specification does not disclose any teaching of a negative input or an ECG difference amplifier or a reference signal providing a feed into a negative input of an ECG difference amplifier. The Applicant respectfully disagrees with this rejection.

The Applicant respectfully submits that in the specification of the present invention, at paragraph 29 it is taught that “...the precordial central terminal is then used by the signal processor 21 as a reference electrode, in lieu of Wilson’s central terminal, to generate the precordial leads.” While the actual words “difference amplifier” do not appear in the specification, the terms “resistor network coupled to an operational amplifier” in paragraph 29, is specific teaching of how a difference amplifier is constructed, which would be obvious to one skilled in the art, and even to one of beginner skill in the art. Lastly, while the explicit term “negative input” may not appear in the specification, it should be noted that the term “subtracted” appears in several places and such negative inputs are shown in the figures of the application. For at least these reasons, the Applicant respectfully submits that the specification does indeed disclose a

teaching of a negative input and a ECG difference amplifier and a reference signal providing a feed into a negative input of the ECG difference amplifier, and for these reasons, claims 1, 16, 30, 45 and 60 comply with the written description requirement of 35 U.S.C. §112, first paragraph.

Claims 2-15, 17-29, 31-44, 46-59 and 61-72 are dependent upon the independent claims 1, 16, 30, 45 and 60. As discussed above, the independent claims 1, 16, 30, 45 and 60 are allowable as complying with 35 U.S.C. §112, first paragraph. Accordingly, claims 2-15, 17-29, 31-44, 46-59 and 61-72 are also allowable as being dependent upon an allowable base claim.

Claims 1-44 have been rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the Applicant regards as the invention. Because the Examiner includes all of the independent claims in her rejection analysis, the Applicant will assume that all 72 claims have been rejected under 35 U.S.C. §112, second paragraph, and not just the claims 1-44 as indicated in paragraph 5, page 3 of the Office Action. In any case, the Applicant respectfully disagrees with this rejection.

Within the Office Action, it is suggested that the Applicant first positively recite the elements "negative input," and "ECG difference amplifier," as they are inferentially included in the claims. By the above amendments, the Applicant has followed the Examiner's suggestion and has recited these claim elements positively in the independent claims 1, 16, 30, 45 and 60. For at least these reasons, and those discussed above with respect to the rejection under 35 U.S.C. §112, first paragraph, the Applicant respectfully submits that the independent claims 1, 16, 30, 45 and 60, and those claims dependent upon these independent claims, are all allowable under 35 U.S.C. §112, second paragraph.

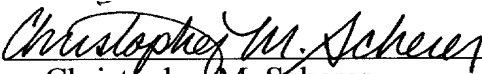
For these reasons, Applicants respectfully submit that all of the claims are now in a condition for allowance, and allowance at an early date would be appreciated. Should the Examiner have any questions or comments, they are encouraged to call the undersigned at

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414-271-7590 to discuss the same so that any outstanding issues can be expeditiously resolved.

Respectfully submitted,

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